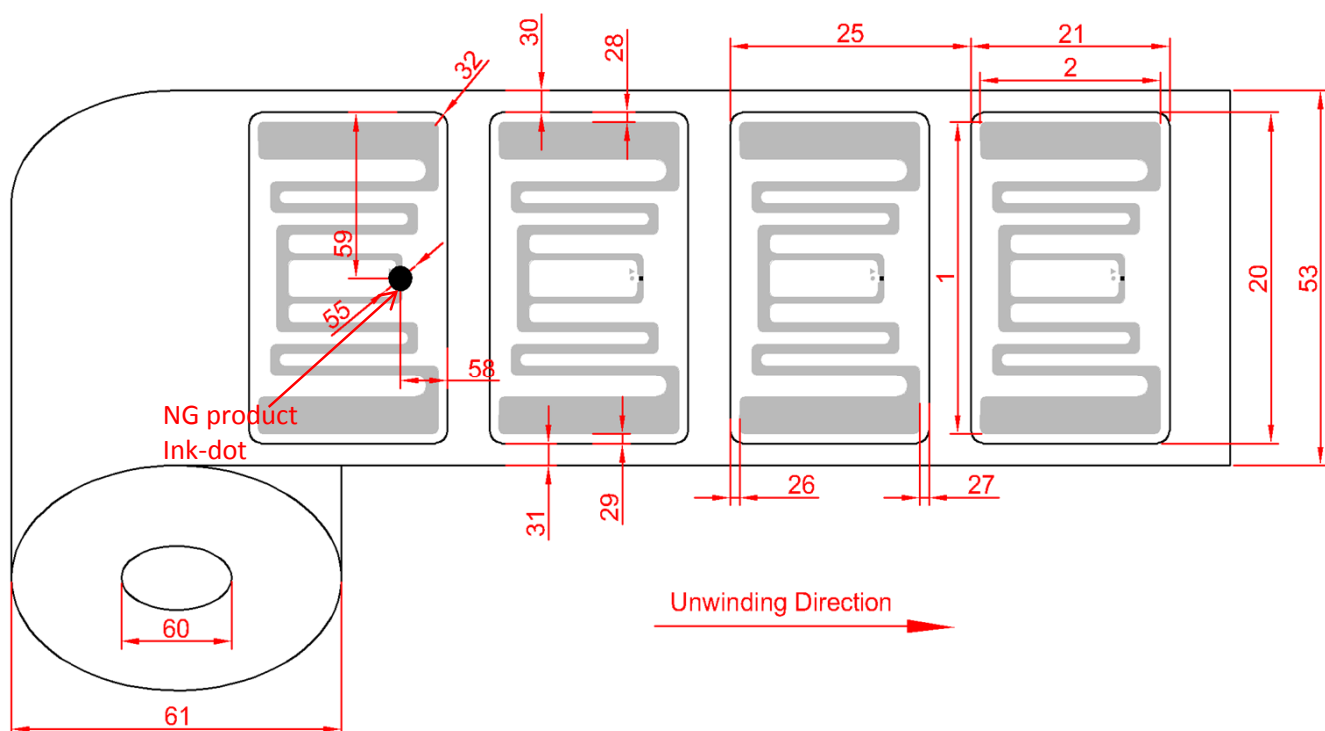


1. Performance Specifications

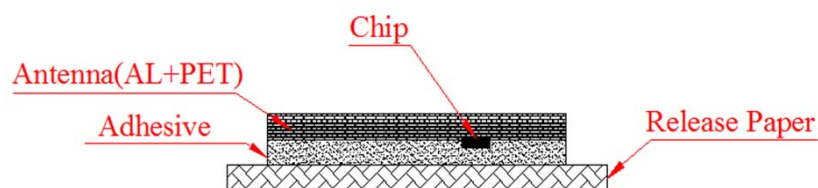
RFID Chip	Impinj/Monza R6	
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2	
Operating Frequency	860~960MHz	
Operating Mode	Passive(Battery free)	
Memory	48 bit TID, Up to 96 bit EPC, 0 bit User Memory	32Bits Access, 32Bits Kill
IC Life	100,000 Programming cycles, 50 years data retention	
Read distance	Average reading distance >3m (Reader and Environment Dependent)	

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	50.00 mm	± 0.20 mm	1.969 in
2	Antenna Length	30.00 mm	± 0.20 mm	1.181 in
20	Wet inlay Width	53.00 mm	± 0.20 mm	2.087 in
21	Wet inlay Length	33.00 mm	± 0.50 mm	1.299 in
25	Wet inlay Pitch	40.00 mm	± 0.50 mm	1.575 in
26	Antenna to PET (Left)	1.50 mm	± 1.50 mm	0.059 in
27	Antenna to PET (Right)	1.50 mm	± 1.50 mm	0.059 in
28	Antenna to PET (Top)	1.50 mm	± 1.50 mm	0.059 in
29	Antenna to PET (Bottom)	1.50 mm	± 1.50 mm	0.059 in
30	Wet inlay Edge to Liner Edge (Top)	3.50 mm	± 2.00 mm	0.138 in
31	Wet inlay Edge to Liner Edge (Bottom)	3.50 mm	± 2.00 mm	0.138 in
32	Wet inlay Corner Radius	2.00 mm	± 0.20 mm	0.079 in
53	Liner Width	60.00 mm	± 1.00 mm	2.362 in
55	Ink-dot Size	4.00 mm	± 2.00 mm	0.157 in
58	Ink-dot to Product Edge(Right)	7.84 mm	± 2.00 mm	0.309 in
59	Ink-dot to Product Edge(Top)	26.50 mm	± 2.00 mm	1.043 in
60	Core inner diameter	76.20 mm	± 1.00 mm	3.000 in
61	Reel Outer diameter	Based on the actual shipment quantity		



3. Clean wet inlay Structure



Antenna	Aluminum etching	PET: $50\mu\text{m} \pm 3\mu\text{m}$; AL: $10\mu\text{m} \pm 3\mu\text{m}$
Adhesive	Acrylic emulsion	$19\text{g}/\text{m}^2 \pm 5\text{g}/\text{m}^2$
Release Paper	White glassine paper	$61\text{g}/\text{m}^2 \pm 10\%$, $55\mu\text{m} \pm 10\%$

4. Environment Requirement

Operating Temperature/Humidity	$-0 \sim 60^\circ\text{C}$ / $20\% \sim 80\% \text{ RH}$	
Storage Temperature/Humidity	$20 \sim 30^\circ\text{C}$ / $20\% \sim 60\% \text{ RH}$	
Shelf Life	1 year in anti-static bag at $20 \sim 30^\circ\text{C}$ / $20\% \sim 60\% \text{ RH}$	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	$> 50\text{mm}$	

5. Delivery Details

Appearance	Single row reel form	
Quantity	2500 ± 100 pcs/Roll; 8 Rolls/Carton	Based on the actual shipment quantity
Weight	To be determined	
Final inspection	100 %, known faulty ones marked	
Delivery yield	$\geq 99\%$	

Packaging Photograph



AllGood-Group reserves the right for modifying the specification data without notice in advance!